

# Direct Pure | Direct Pure Water System, R

Generates RO water from tap water, producing up to 45 liters of purified water per hour.

The upgraded Direct Pure water system offers greater convenience in every aspect of use, including enhanced process control, data traceability, and assured performance.

This system is manufactured in our production facility, which is registered under the ISO 9001, ISO 14001, ISO 45001 and ISO 50001 standards. Additionally, It is CE and RoHS certified.



Direct Pure R

## Key Features

### Reliable water quality

- | Stable RO permeability over a wide range of temperatures
- | Diversion to drain if quality of RO permeate falls below set-point

### Data traceability

- | Automatic data backup for up to 2 years
- | Easy data transfer via multiple interfaces, including LAN, USB

### Low running cost

- | High-efficiency cartridges and energy-efficient components
- | All-in-one design. Space-Saver

### Easy to use

- | An intuitive touchscreen menu allows you to easily access to real-time water quality monitoring, manual and volumetric dispensing, adjustable flow rates, and system alerts
- | Quick installation. Simple maintenance and upkeep
- | Placement flexibility

### Environmentally friendly

- | A mercury-free 265 nm germicidal UV lamp
- | Digital and paperless data management
- | Manufactured using green energy sources



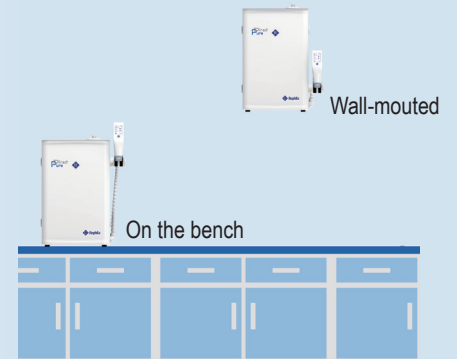
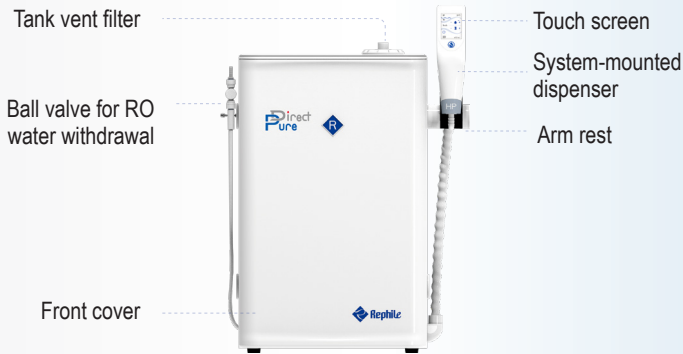
*Designed for Pure Simplicity*

## Specifications

Parameter	Direct-Pure R	
Electrical specifications		
Operating voltage	24 VDC	
Input voltage	100 - 240 VAC	
Main system power	< 190 W	
Feed Water Requirements		
Conductivity / TDS	< 2000 $\mu$ S/cm @ 25 $^{\circ}$ C / < 1000 ppm	
Temperature	5 - 35 $^{\circ}$ C (41 - 95 F)	
Pressure	1.0 - 6.0 bar (15 - 90 psi)	
Product Water Type	RO water	
Dimensions & Weight		
Dimensions W x D x H	with 10 L tank	414 x 422 x 624 mm (16.3 x 16.6 x 24.5 in)
	w/o 10 L tank	414 x 310 x 624 mm (16.3 x 12.2 x 24.5 in)
Weight	net	19 kg
	gross	28 kg

Product Water Quality	Direct-Pure R
Flow rate	24, 45 L/hr
Dispenser rate	Up to 2 L/min
Conductivity (@ 25 $^{\circ}$ C)	Typically < 20 $\mu$ S/cm
RO rejection	97 - 98% ionic rejection (new RO cartridge), > 99% organic rejection, > 99% particulates & bacteria rejection

# Key Parts



## Cartridges

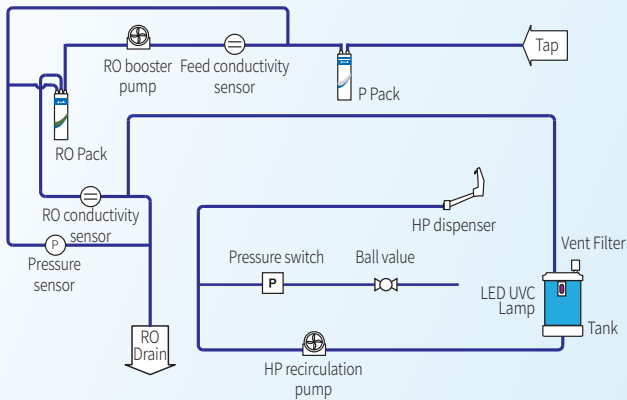
- High pressure rated housings
- Double O-ring sealing
- Color-coded labels
- Clear identification markings



## Storage tank

- A 10-liter integrated HDPE tank
- Scalable to 30/60/100/350 liters
- Equipped with a tank sanitization module

# Flow Schematic



# Ordering Info

Description	Cat. No.
Direct Pure water system, R 24 set	RS0R02000K
Direct Pure water system, R 24 set, with 10L tank	RS0R0200TK
Direct Pure water system, R 45 set	RS0R04000K
Direct Pure water system, R 45 set, with 10L tank	RS0R0400TK

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RephiLe Bioscience, Ltd.

Toll Free: +1-855-RephiLe (+1-855-737-4453)

E-mail: info@rephile.com



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